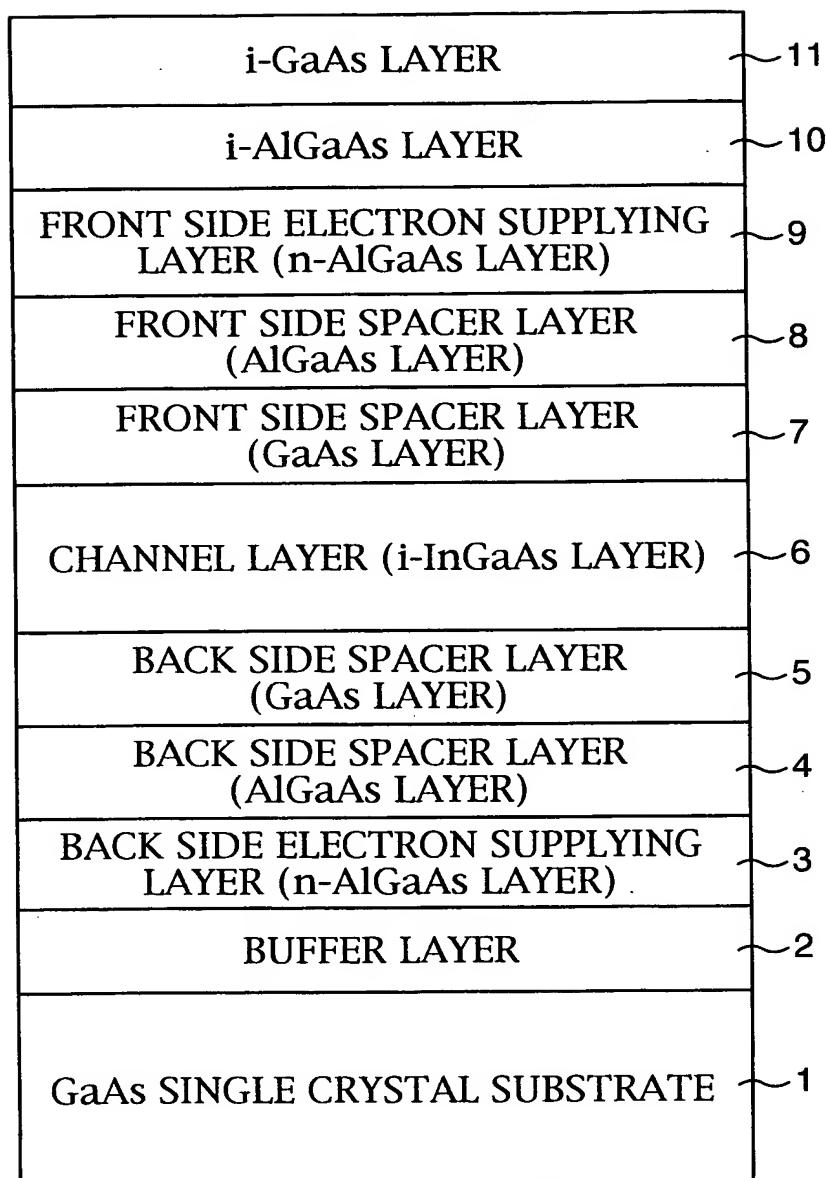


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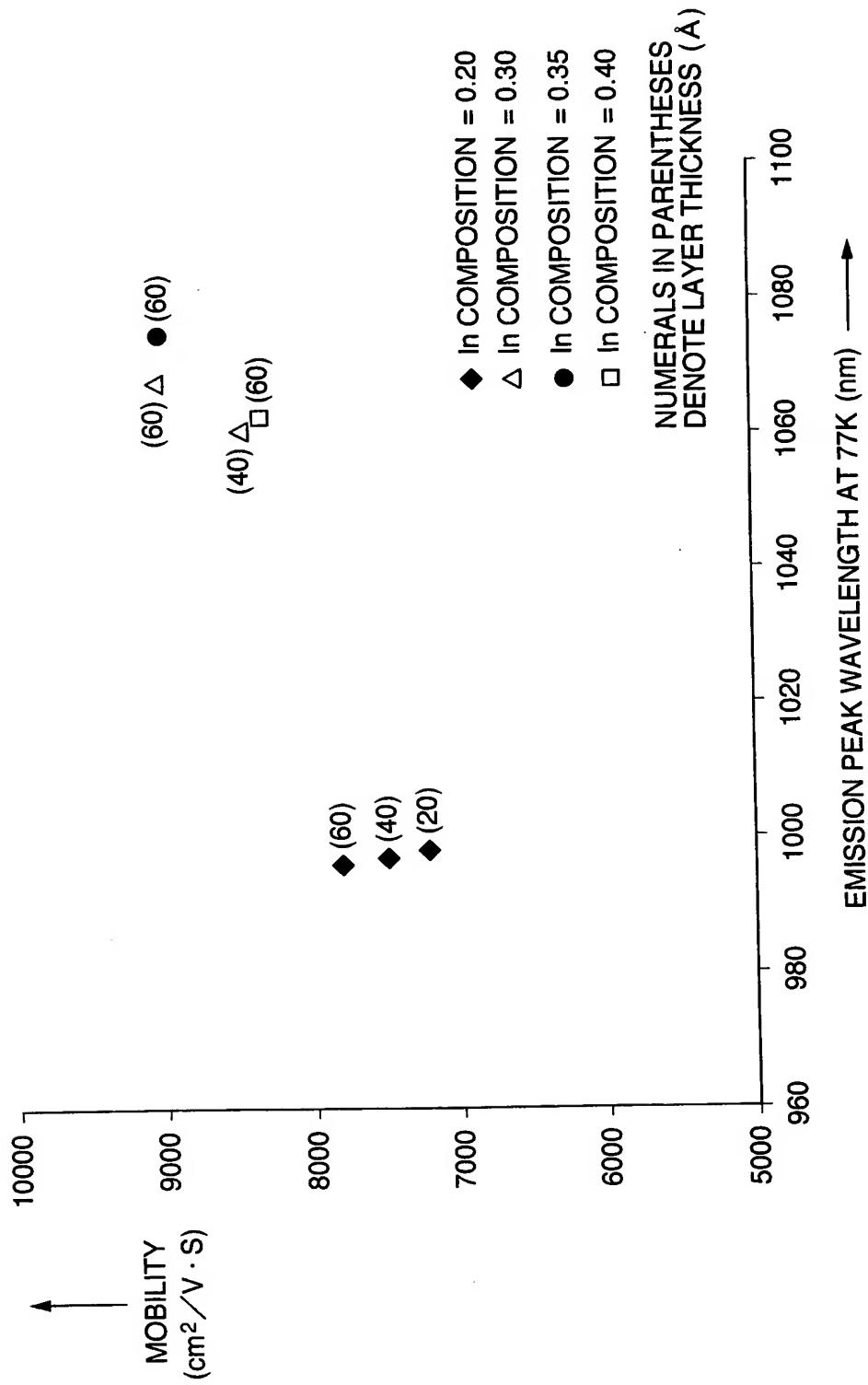
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FIG. 1



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FIG. 2



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FIG. 3

i- GaAs 20nm	~24
i- Al _{0.22} Ga _{0.78} As 3nm	~23
n- Al _{0.24} Ga _{0.76} As 10nm 3E18/cm ³	~22
i- Al _{0.24} Ga _{0.76} As 3nm	~21
i-GaAs 6nm	~20
i- In _{0.30} Ga _{0.70} As 7.5nm	~19
i-GaAs 6nm	~18
i- Al _{0.24} Ga _{0.76} As 3nm	~17
n- Al _{0.24} Ga _{0.76} As 4nm 3E18/cm ³	~16
i-Al _{0.25} Ga _{0.75} As 200nm	~15
i-GaAs 250nm	~14
i-Al _{0.25} Ga _{0.75} As 250nm	~13
i-GaAs 200nm	~12
GaAs SUBSTRATE	~11

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FIG. 4

i- GaAs 20nm	~24
i- Al _{0.22} Ga _{0.78} As 3nm	~23
n- Al _{0.24} Ga _{0.76} As 10nm 3E18/cm ³	~22
i- Al _{0.24} Ga _{0.76} As 3nm	~21
i-GaAs 6nm	~20
i- In _{0.85} Ga _{0.15} As 5.5nm	~31
i-GaAs 6nm	~18
i- Al _{0.24} Ga _{0.76} As 3nm	~17
n- Al _{0.24} Ga _{0.76} As 4nm 3E18/cm ³	~16
i-Al _{0.25} Ga _{0.75} As 200nm	~15
i-GaAs 250nm	~14
i-Al _{0.25} Ga _{0.75} As 250nm	~13
i-GaAs 200nm	~12
GaAs SUBSTRATE	~11

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FIG. 5

i- GaAs 20nm	~24
i- Al _{0.22} Ga _{0.78} As 7nm	~23A
n- Al _{0.24} Ga _{0.76} As 10nm 3E18/cm ³	~22
i- Al _{0.24} Ga _{0.76} As 3nm	~21
i-GaAs 2nm	~20A
i- In _{0.20} Ga _{0.80} As 13.5nm	~19A
i-GaAs 2nm	~18A
i- Al _{0.24} Ga _{0.76} As 3nm	~17
n- Al _{0.24} Ga _{0.76} As 4nm 3E18/cm ³	~16
i-Al _{0.25} Ga _{0.75} As 200nm	~15
i-GaAs 250nm	~14
i-Al _{0.25} Ga _{0.75} As 250nm	~13
i-GaAs 200nm	~12
GaAs SUBSTRATE	~11

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FIG. 6

i- GaAs 20nm	~24
i- Al _{0.22} Ga _{0.78} As 7nm	~23A
n- Al _{0.24} Ga _{0.76} As 10nm 3E18/cm ³	~22
i- Al _{0.24} Ga _{0.76} As 3nm	~21
i-GaAs 6nm	~20
i- In _{0.20} Ga _{0.80} As 13.5nm	~31A
i-GaAs 6nm	~18
i- Al _{0.24} Ga _{0.76} As 3nm	~17
n- Al _{0.24} Ga _{0.76} As 4nm 3E18/cm ³	~16
i-Al _{0.26} Ga _{0.75} As 200nm	~15
i-GaAs 250nm	~14
i-Al _{0.26} Ga _{0.75} As 250nm	~13
i-GaAs 200nm	~12
GaAs SUBSTRATE	~11